INCOSE: A Better World Through a Systems Approach

The global professional association for systems engineers

International Council on Systems Engineering
A better world through a systems approach

www.incose.org

Presented By New Member Engagement Team (NMET) (nme@incose.net)
Purpose and Agenda

- Welcome/Introduction (5 minutes)
- INCOSE Sectors and Chapters (20 minutes)
- Guide Breakout Session (25 minutes)
- Welcome Center Café event Closeout (5 minutes)
New Member Welcome Center

Resources for New Members

- Recordings and presentations from past New Member Café Events
- About INCOSE Overview
- Ways to engage in INCOSE
- Learning and Development
- Publications
- Growing your Career

Welcome Center cafes aim to onboard, orient and communicate with new members in their initial INCOSE journey. New Member Guides are senior, experienced INCOSE members who connect and engage with new members.

www.incose.org/welcome
New Member Yammer Community

• New Yammer community will be created
• This is a community for YOU, INCOSE New Members to network and discuss topics of interest
• [www.yammer.com](http://www.yammer.com) and login with your @incose.buzz account when assigned
Why INCOSE?

Incoso.org/career
Vision and Mission

VISION: A better world through a systems approach

MISSION: To address complex societal and technical challenges by enabling, promoting, and advancing Systems Engineering and systems approaches

OBJECTIVE: Global leader for systems engineering professionals for career development

FUTURE: Lead the future of systems engineering, academically, in emerging domains, and in practice
• The INCOSE website IS the way to access the latest information and resources

• Visit www.incose.org to log into your INCOSE account, access your profile, assign your INCOSE chapter, access publications and so much more!
This Systems Engineering Vision was sponsored by INCOSE and produced by a team of leaders from the systems community, with inputs from across industry, academia, and government.

The Systems Engineering Vision 2035 addresses:
• The Global Context for Systems Engineering
• The Current State of Systems Engineering
• The Future State of Systems Engineering
• Realizing the Vision

We encourage you to work with INCOSE to help realize this vision. The complete Systems Engineering Vision 2035 is available as a website and pdf at www.incose.org/sevision.
INCOSE: The International Council on Systems Engineering
Global Impact

19,400 Members and CAB Associates
124 Corporate Members
50 Working Groups
65 Chapters Worldwide
76 Countries with Active Members
INCOSE is the global Systems Engineering professional society – providing the opportunity for life-long learning in systems approaches.

A community of peers, resources for your career, and a place to be a leader.

INCOSE members stand out and are often sought after as experts. INCOSE members share practices and learn from each other.

INCOSE members create products, produce events and represent the organization in international forums.

INCOSE members increase the body of knowledge and advance the practice of systems engineering.

Network with nearly 19,400 members in 76 countries.

Increase your professional stature with the INCOSE Systems Engineering Professional Certification.
Membership Benefits

- A global network of colleagues who understand systems engineering
- Certification opportunities
- Access to quarterly ePublications, INSIGHT and Journal of Systems Engineering
- Electronic version of the Systems Engineering Handbook
- Collaborate with experts and practitioners worldwide
- Exclusive access to INCOSE Connect, the collaborative space for INCOSE Members Only
- Member discounted registration to the International Workshop and International Symposium.
Working Groups

Working groups are the resource practitioners need. Discuss, collaborate, share in person, and online across more than 60 working group in INCOSE with a wide diversity of interests.

INCOSE working groups create products, present panels, develop and review standards.
Working Group Members

- Bring value to other INCOSE stakeholders in your interest area
- Build expertise and contacts
- Help develop and review international standards
- Share information across Working Groups
- Create products to advance the state, art and practice of Systems Engineering.
Join and Participate in INCOSE Working Groups

• How to Join a Working Group (found on the working group page)
  • Membership in Working Groups is open to any INCOSE member. To join a group:
  • http://profile.incose.org
  • Scroll to the bottom left section titled "My Committees and Working Groups"
  • Click the link for "Browse / Join a Working Group"
  • Find the desired Working Group and click on View to see roster; the Join option is at the bottom of the page
  • Additionally, email the Working Group leaders by clicking on their name(s) from the Working Groups page and sending them an email expressing your interest!
The INCOSE Corporate Advisory Board (CAB) is the Voice of the Customer to the INCOSE leadership.

The CAB provides strategic guidance to technical leadership, leading to the development of systems engineering products and input to standards to meet their needs.
WHY JOIN THE INCOSE CORPORATE ADVISORY BOARD?

• Corporate Advisory Board membership allows your organization to guide the direction of the discipline.

• Employees can gain access to the state-of-the-art products.

• Align with peers and fellow industry leaders, grow your global footprint, and learn about how other industry leaders are applying systems engineering to solve business problems.

• Gain better access to talent – find and hire competent, certified Systems Engineers through your INCOSE connection.
Corporate Advisory Board

• The INCOSE Corporate Advisory Board (CAB) is the voice of the industry to the INCOSE leadership, leading to the development of systems engineering products and input to standards to meet their needs.

• Learn more about the CAB and access application forms at www.incose.org/cab

• Why should a company join the INCOSE CAB?
  • CAB membership allows your organization to guide the direction of the discipline.
  • Employees can gain access to the state-of-the-art products.
  • Align with peers and fellow industry leaders, grow your global footprint, and learn about how other industry leaders are applying systems engineering to solve business problems.
Academic Council

Branch of the Corporate Advisory Board facilitating discussion and exploration of issues relevant to academia and strategic collaborations within INCOSE. A well-educated workforce is key to Global Prosperity.

Council member organizations offer bachelors, masters, and doctorate degrees in systems engineering and related programs.

Active in advancing the state-of-the-art of systems engineering through academic programs.
Undergraduate and/or graduate students who wish to become actively involved in INCOSE while enrolled in an accredited course of study at a college or university

**Student Divisions**

Student Divisions are operated as a component of a nearby chartered INCOSE chapter, and require:

1) a student body interested in becoming involved with INCOSE,
2) a faculty member who is a member of INCOSE and willing to act as the Division mentor and liaison between INCOSE and the university, and
3) active sponsorship and participation by a chartered INCOSE chapter.
Certification

Associate Systems Engineering Professional

College students and those new to systems engineering may be qualified as Associate Systems Engineering Professionals (ASEP).

Certified Systems Engineering Professional

Working engineers who can perform independently in a variety of systems engineering functions can be recognized as Certified Systems Engineering Professionals (CSEP).

Expert Systems Engineering Professional

Individuals who solve the most challenging, technical problems and are seen as leaders in their community can become Expert Systems Engineering Professionals (ESEP).
Conferences and Connections

https://www.incose.org/events

Our next big event:

- Torrance Marriott (near Los Angeles, CA)
- Hybrid Event – change from 2022 approach
- Focused on Collaborative Work
  - Joint efforts between Working Groups
  - Push toward products
Publications

https://www.incose.org/products-and-publications/se-handbook
INCOSE Products

• Technical Publications/Products
  • SE Journal,
  • INSIGHT Magazine
  • INCOSE Newsletter
  • Members have access to free soft copy downloads: www.incose.org/pubs
  • NEW! Member discount code for all Wiley publications www.incose.org/wiley

• SE Body of Knowledge (SEBOK)
  • https://www.sebokwiki.org

• Periodicals
  • www.incose.org/periodicals

• Proceedings/Papers
  • www.incose.org/papers

• INCOSE Store
  • Purchase and order INCOSE products via connect.incose.org/store
Scholarships Include:

- ISEF, the International Science and Engineering Fair INCOSE Award to a pre-college student
- The Chesapeake Chapter Award
- The Stevens Doctoral Award for Promising Research in Systems Engineering to a PhD Candidate
- The James E. Long Award for Post Doctoral work

Committed to rewarding skills through scholarships for those engaged in finding solutions to complex technical challenges at all stages of their education or career.

Offers possibilities for people to pursue goals that anticipate the future – for them and for the world.
Engage with INCOSE

Follow us on social media

Follow, like, comment, and share on all INCOSE social media platforms.

- LinkedIn: https://www.linkedin.com/company/44559/
- LinkedIn Group: https://www.linkedin.com/groups/7499834/
- Facebook
- Twitter
- Instagram
- More to come
Breakout Session

Discuss today’s topic
Ask any questions about INCOSE
Find out where you want to engage with INCOSE

E.g., “Does INCOSE having anything like....”
2023 Annual INCOSE International Workshop
Torrance, CA, USA
January 28 - 31, 2023
HYBRID EVENT
www.incose.org/iw2023

SAVE THE DATE
Welcome Center Feedback

We want YOUR Feedback on today’s Welcome Center event

- What did you *like* about this Welcome Center event today?
- What can be *improved* for future Welcome Center events?
- How else do you want to be *supported* to become more involved within INCOSE?

Contact us with any questions about INCOSE: nme@incose.net
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For more information contact marcom@incose.net
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